

Message Text

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ACTION AF-08

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UNCLAS NAIROBI 14116

E.O. 11652: N/A
TAGS: BEXP, BENC, KE
SUBJ: EARLY WARNING - DAM/HYDRO-ELECTRIC FACILITY IN KENYA

1. PUBLICATION OF PRE-QUALIFICATION INVITATIONS FOR KENYA'S UPPER RESERVOIR SCHEME (URS) IS EXPECTED ON FRIDAY DEC 17TH. NOTICE WILL APPEAR IN THE KENYA GAZETTE AND THE OFFICIAL JOURNAL OF THE EUROPEAN ECONOMIC COMMUNITY WITH AN ABBREVIATED VERSION IN THE KENYA PRESS, MONDAY DEC 20TH. SOURCE: WATER RESOURCES ENG, TANA RIVER DEV AUTH.

2. FINANCING FOR THIS MAJOR PROJECT IS COMING PRIMARILY FROM THE EUROPEAN DEVELOPMENT FUND, BRITAIN'S MIN. OF OVERSEAS DEVELOPMENT, AND W. GERMANY'S KFW. A SHORT-LIST PRE-QUALIFICATION IS THEREFORE EXPECTED WITH PRINCIPAL CONTRACTORS PROBABLY LIMITED TO EUROPEAN AND ACP COUNTRIES. HOWEVER, CONSIDERABLE SUBCONTRACTING OPPORTUNITIES MAY EXIST FOR U.S. FIRMS.

3. PROJECT DESCRIPTION. URS CONSISTS OF A ZONED EARTH-FILL DAM WITH ASSOCIATED OVERFLOW SPILLWAY. 40 MW HYDRO-ELECTRIC STATION AND 45 KM RESERVOIR. URS WILL BE BUILT A FEW KILOMETERS UPSTREAM OF THE EXISTING KAMBURU RESERVOIR. ESSENTIAL CHARACTERISTICS ARE AS FOLLOWS:-
DAM FILL VOLUME - 4.9 MILLION CUBIC METERS
CREST HEIGHT OVER RIVER BED - 55 METERS
CREST LENGTH - 2100 METERS
POWER PLANT - 2 X 20 MW KAPLAN TURBINES
STRONGER AREA OF RESERVOIR - APPROXIMATELY 120 SQUARE KILOMETERS

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4. TIMING:

DEC 76 - OFFICIAL NOTICE AND PRE-QUALIFICATION

INVITATIONS

MAR 77 - TENDER INVITATIONS

SEPT 77 - CONTRACTOR AWARDS FOR CONSTRUCTION AND

SUPPLIES

JAN 78 - CONTRACTOR FULLY MOBILIZED ON SITE

1978/81 - CONSTRUCTION

1981/82 - SCHEME FULLY OPERATIONAL

5. COST. TOTAL ENGINEERING AND CONSTRUCTION COSTS ARE

ESTIMATED AT \$96 MILLION. THE FOREIGN EXCHANGE

COMPONENT OF TOTAL COST IS ESTIMATED AT 67 PERCENT.

THE ESTIMATED VALUE OF CAPITAL EQUIPMENT IS

\$13.6 MILLION. PLANNED EXPENDITURES BY YEAR (NET

OF \$3.3 MILLION.

CONSULTANCY COSTS ALREADY COMMITTED) AT

JAN 76 PRICES ARE AS FOLLOWS: 1977 - \$13 MILLION,

1978 - \$23.2 MILLION, 1979 - \$27.8 MILLION,

1980 - \$16.7 MILLION, 1981 - \$4.6 MILLION, AND

1982 - \$7.4 MILLION.

MARSHALL

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